

ABSTRACT OF THE DISCLOSURE

An instrument package for carrying on board observation instruments is for launching from space. The instrument includes a housing, a power supply, a communication system and an internal instrument volume. The housing includes a protective skin and adapted to be launched from space. The power supply is secured in the inside of the housing. The communication system is operably connected to the power supply for transmitting data to a location remote from the instrument package. The internal instrument volume is inside the housing and is adapted to receive scientific instrument connectable to the communication system. The instrument package may include an on board control system operably connected to the power supply.